

IN THE SPECIFICATION

Please replace paragraph 35 with the following amended paragraph.

A detailed description of the step of using the look-up table to allow generation of images of the density of the basis materials has been described in an application titled “Method and Apparatus For Generating a Density Map Using Dual-Energy CT”, having attorney docket number 127076-2, serial number 10/624,417, and filed on July 22, 2003, which is incorporated by reference herein in its entirety. The detailed description of the step of using the look-up table to allow generation of images of the density of the basis materials has also been described in a provisional application having serial number 60/397,658 and filed on July, 23, 2002, which is also incorporated by reference herein in its entirety.